

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

May 1, 2002

Maricopa Association of Governments Office, Cholla Room  
302 North First Avenue  
Phoenix, Arizona

VOTING MEMBERS

- |                         |                                      |
|-------------------------|--------------------------------------|
| * Barry Combs, Chandler | Keith Kesti, Peoria                  |
| Mark Weiner, Gilbert    | Jeff Van Skike, Phoenix (St. Trans.) |
| * Pat Thurman, Glendale | Troy Hayes, Phoenix (Water)          |
| David Ramirez, Goodyear | * Rod Ramos, Scottsdale              |
| Ted Collins, MCDOT      | * Brian Pirooz, Surprise             |
| * Steven Borst, MCESD   | James Bond, Tempe                    |
| Doug Davis, Mesa        |                                      |

ADVISORY MEMBERS

- |                          |                                 |
|--------------------------|---------------------------------|
| * James Pulice, Jr., AGC | * Tom Domizi, UTCA              |
| Jim Grose, AGC           | Peter Kandaris, SRP Engineering |
| * Paul Nebeker, UTCA     | * Sean Goris, ACEA              |
| * Jeff Benedict, ARPA    |                                 |

MAG ADMINISTRATIVE STAFF

- \* Paul Ward

GUESTS/VISITORS

Joe Phillips, Maricopa Department of Transportation  
Dale Phelan, Advanced Drainage Systems, Inc.  
Mark Kastl, Advanced Drainage Systems, inc.

- \* Members not attending or represented by proxy.

1. Call to Order

The meeting was called to order at 1:40 p.m.

2. Approval of Minutes

The members reviewed the minutes from the meeting of April 3, 2002. Ted Collins introduced a motion for a vote on the minutes as written. Jeff Van Skike seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2001 Carry Over Cases:

- a. **Case 01-07 - Sections 750 & 630 - Various Water Changes:** Rod Ramos was not present to address the progress of this case. Doug Davis may be reviewing and resubmitting this case. There are several items that he would like to see incorporated in the Specification and would not like to see them dropped.
- b. **Case 01-08 - Section 710 - Pavement Replacement:** Rod Ramos was not present to address the progress in the case and the members had no comments.

4. 2002 Submitted Cases:

- a. **Case 02-02 - Section 738.1 - Definition of Low Pressure Storm Drain:** Ted Collins along with Maricopa County Flood Control District have reviewed the wording as submitted by ADS and have no objections. Doug Davis noted that the committee had several comments regarding the wording in the last meeting. Doug has taken the comments and generated a new paragraph for the case. He suggested the following for the third paragraph of Section 738.1: "For the purpose of this specification, low pressure field test is defined as 3.5 psi. The test for low pressure shall conform to Section 615. All pipe shall comply with the laboratory test of 10.8 psi as specified in ASTM D-3212". All members seem to concur with the wording. The next two paragraphs submitted by ADS will not be considered at this time.
- b. **Case 02-03 - Section 321.6 - Corrective Requirement for Deficient Asphalt:** Since the last meeting, Joe Phillips conducted a subcommittee meeting which he received comments from ARPA and Mesa. Joe requested that any remaining comments from the members be submitted to him ASAP. Joe intends to have the final draft ready prior to the mailing of next months packet.
- c. **Case 02-04 - Section 710 - Asphalt Concrete:** See meeting minutes in Case 02-03 above.
- d. **Case 02-05 - Section 711 - Paving Asphalt:** See meeting minutes in Case 02-03 above.
- e. **Case 02-06 - Miscellaneous Corrections A & B:** There was no discussion or comments regarding the two corrections in this case.
- f. **Case 02-07 - Detail 120-2 - Survey Marker (for Unincorporated Areas of County):** Ted Collins made a motion for a vote on the case dated March 15, 2002 with no exception. Mark Weiner seconded the motion. A vote was conducted with the 7 yes, 0 no, 0 abstentions, and 4 absent.
- g. **Case 02-08 - Section 345-2 - Adjusting Frames:** Ted Collins and Jeff Van Skike discussed alternate wording for the case. They believe that the new wording will clarify the difference between the adjustment of the cover versus the adjustment of the entire ring and cover. Jeff will prepare the alternate wording in a memo format for distribution in the next meeting packet.

4. New Cases:

- a. **Case 02-09 - Detail 130 - Barricades** - Ted Collins submitted a case to modify Detail 130 for the committee's review and action. Based on the current Manual of Uniform Traffic Control Devices (MUTCD), two colors have been selected for use on barricades. The MUTCD has designated that red and white shall be used on all permanent barricading and orange and white shall be used on all temporary barricading. Detail 130 calls for orange and white for all cases.
- b. **Case 02-10 - Table 725-1 - Concrete Classes** - Ted Collins submitted a case for the committee's review and action regarding discrepancies between the English and Metric Specifications in Table 725-1. In the original creation of the metric version, the compressive strengths of portland cement concrete was established in increments of 5 MPA. This has created a problem with the County since some of the differences were significant. The County proposed to modify the Table to the nearest 0.1 of a MPA. This will bring the Metric strengths closer to the English strengths.
- c. **Case 02-11 - Section 340.1 - Expansion Joints** - Doug Davis submitted a case for the committee's review and action regarding expansion joints in portland cement concrete. Based on discussions in past meeting, a number of the member agencies have changed the minimum distance between joints to 50 feet. Also, in a closer review of the existing wording in the Specification for expansion joints, several deficiencies were noticed. Therefore the entire paragraph was rewritten. In additions to the Specification, the Details were reviewed for completeness and consistency and included in the case. Joe Phillips noted that the County, has changed the concrete strengths for alley entrance. He will consider a separate case to change the concrete of the alley entrance.

5. General Discussion:

- a. Since Paul Ward was not able to attend the meeting, Doug Davis discussed a couple of topics that Paul intended to present to the committee.
  - 1. Paul is still having problems in obtaining the list of persons, businesses and agencies that purchased the 2000 books. He is still pursuing the assignment and hopes to have the list by next meeting.
  - 2. The Specifications and Details have not been formally reviewed and accepted by ADOT for federally funded projects. Paul is investigating the requirements to obtain the approval. Once approved, the agencies that receive funding and use the Specification and Details will not need to duplicate the Specifications and Details in the special provisions and plans. James Bond informed the committee that Tempe has been self certified on federal projects and uses the Specifications and Details.
- b. Peter Kandarlis informed the committee that the Evaluation of Pavement Cut Impacts for the League of Arizona Cities and Towns and Association of Public-Private Utility Service Providers is complete.

c. The next meeting will be June 5, 2002.

6. Adjournment:

The meeting was adjourned at 3:20 p. m.